AUG D G 2004 BY

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/B/PTO 10/783,987-Conf. #4359 Application Number INFORMATION DISCLOSURE February 19, 2004 Filing Date STATEMENT BY APPLICANT Gregory B. Altshuler First Named Inventor 3762 Art Unit (Use as many sheets as necessary) Not Yet Assigned **Examiner Name** 105090-0230 of 1 1 **Attorney Docket Number** Sheet

			U.S. PA	TENT DOCUMENTS	
Examiner Initiats*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
~~	AA	US-2003/0023283 A1	01-30-2003	McDaniel, David H.	
0	AB	US-2001/0041886 A1	11-15-2001	Durkin, Anthony J. et al.	

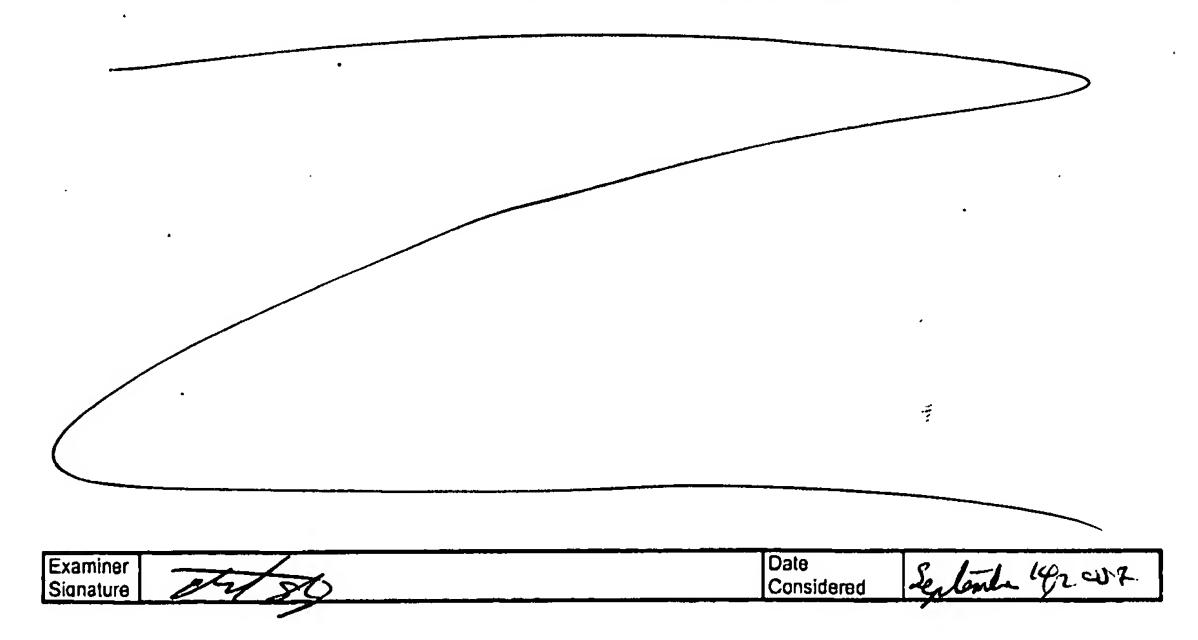
		FOREI	GN PATENT	DOCUMENTS ·		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	⊤ ⁵
\	BA	WO 99/34867	07-15-1999	Delight Technologies, Ltd.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



FORM PTO-1449/A and Modified St.

7

of

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

APPLICATION NO.: 10/783,987 ATTY. DOCKET NO.: 105090-230

FILING DATE: February 19, 2004 CONFIRMATION NO.: 4359

APPLICANT: Gregory B. Altshuler et al.

GROUP ART UNIT: 3762 EXAMINER: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue of Cited Document	
Initials#	No.	Number Kind Code		Document	MM-DD-YYY	
an	1	Re. 36,634		Ghaffari	03-28-2000	
m	2	3,327,712		Kaufman et al.	06-27-1967	
m	3	3,527,932		Thomas	09-08-1970	
an	4	3,538,919		Meyer	11-10-1970	
Dr-	5	3,622,743		Muncheryan	11-23-1971	
2	6	3,693,623		Harte et al.	09/26-1972	
Dur	7	3,818,914		Bender	06-25-1974	
m	8	3,834,391		Block	09-10-1974	
m	9	3,900,034		Katz et al.	08-19-1975	
m	10	4,233,493		Nath	11-11-1980	
da	11	4,273,109	•	Enderby	06-16-1981	
Jan J	12	4,316,467		Muckerheide	02-23-1982	
Ow-	13	4,388,924		Weissman et al.	06-21-1983	
m	14	4,461,294		Baron	07-24-1984	
de	15	4,539,987	,	Nath et al.	09-10-1985	
2	16	4,608,978		Rohr	09-02-1986	
m	17	4,617,926		Sutton	10-21-1986	
m	18	4,695,697		Kosa	09-22-1987	
du	19	4,718,416		Nanaumi	01-12-1988	
2	20	4,733,660		Itzkan	03-29-1988	
m	21	4,747,660		Nishioka et al.	05-31-1988	
dr	22	4,819,669		Politzer	04-11-1989	
do	23	4,832,024		Boussignac et al.	05-23-1989	
à	24	4,860,172		Schlager et al.	08-22-1989	
dm	25	4,860,744		Johnson et al.	08-29-1989	
dr	26	4,917,084		Sinofsky	04-17-1990	
2	27	4,926,227		Jensen	05-15-1990	
2	28	4,945,239		Wist et al.	07-31-1990	
da	29	5,000,752		Hoskin et al.	03-19-1991	
m	30	5,057,104		Chess	10-15-1991	
2	31	5,059,192		Zaias	10-22-1991	
de	32	5,065,515		Iderosa	11-19-1991	
2	33	5,071,417		Sinofsky	12-10-1991	
dr	34	5,108,388		Trokel	04-28-1992	
h	35	5,137,530		Sand	08-11-1992	

			Dew et al.	08-25-1992
1	36 37	5,140,984 5,178,617	Kuizenga et al.	01-12-1993
	38		Lang	01-26-1993
		5,182,557	Simon	02-02-1993
a	39	5,182,857		03-23-1993
	40	5,196,004	Sinofsky	05-04-1993
- a-	41	5,207,671	Franken et al.	
-	42	5,225,926	Cuomo et al.	07-06-1993
- A	43	5,226,907	Tankovich	07-13-1993
m	44	5,282,797	Chess	02-01-1994
m	45	5,300,097	Lerner et al.	04-05-1994
h	46	5,304,170	Green	04-19-1994
on	47	5,306,274	Long	04-26-1994
<u> </u>	48	5,320,618	Gustafsson	06-14-1994
h-	49	5,334,191	Poppas et al.	08-02-1994
m	50	5,334,193	Nardella	08-02-1994
m	51	5,344,418	Ghaffari	09-06-1994
m	52	5,344,434	Talmore	09-06-1994
Dr-	53	5,348,551	Spears et al.	09-20-1994
h	54	5,350,376	Brown	09-27-1994
Dr.	55	5,380,317	Everett et al.	01-10-1995
m-	56	5,403,306	Edwards et al.	04-04-1995
~	57	5,405,368	Eckhouse	04-11-1995
m	58	5,415,654	Daikuzono	05-16-1995
Jun	59	5,425,728	Tankovich	06-20-1995
dm	60	5,474,549	Ortiz et al.	12-12-1995
g-	61	5,486,172	Chess	01-23-1996
de	62	5,505,726	Meserol	04-09-1996
2	63	5,505,727	Keller	04-09-1996
2	64	5,519,534	Smith et al.	05-21-1996
do	65	5,522,813	Trelles	06-04-1996
don	66	5,531,739	Trelles	06-02-1996
m	67	5,558,667	Yarborough et al.	09-24-1996
m	68	5,578,866	DePoorter et al.	11-26-1996
2-	69	5,595,568	Anderson et al.	01-21-1997
m	70	5,616,140	Prescott	04-01-1997
2	71	5,620,478	Eckhouse	04-15-1997
h	72	5,626,631	Eckhouse	05-06-1997
m	73	5,630,811	Miller	05-20-1997
an	74	5,649,972	Hochstein	07-22-1997
m	75	5,655,547	Karni	08-12-1997
dr	76	5,658,323	Miller	08-19-1997
dom	77	5,662,643	Kung et al.	09-02-1997
m	78	5,662,644	Swor	09-02-1997
m_	79	5,683,380	Eckhouse et al.	11-04-1997
\	80	5,698,866	Doiron et al.	12-16-1997

.

an	81	5,707,403	4.46.46.46.46.47	Grove et al.	01-13-1998
	82	5,720,772		Eckhouse	02-24-1998
2	83	5,735,844		Anderson, et al.	04-07-1998
	84	5,735,884		Thompson et al.	04-07-1998
a	85	5,743,901		Grove et al.	04-28-1998
	86	5,755,751	·	Eckhouse	05-26-1998
ar	87	5,759,200		Azar	06-02-1998
an	88			Weber et al.	07-21-1998
		5,782,249	<u></u>	Anderson et al.	09-22-1998
m	89	5,810,801			09-22-1998
	90	5,814,008	•	Chen et al. Tankovich et al.	10-06-1998
m	91	5,817,089		Izawa et al.	10-13-1998
On	92	5,820,625			10-13-1998
- m	93	5,820,626	···-	Baumgardner	10-20-1998
m	94	5,824,023		Anderson	10-27-1998
2	95	5,828,803		Eckhouse	
h	96	5,830,208		Muller	11-03-1998
an	97	5,836,999	· · · · · · · · · · · · · · · · · · ·	Eckhouse et al.	11-17-1998
an	98	5,840,048		Cheng	11-24-1998
m	99	5,849,029	· · · · · · · · · · · · · · · · · · ·	Eckhouse et al.	12-15-1998
por	100	5,853,407		Miller	12-29-1998
-	101	5,885,211		Eppstein et al.	03-23-1999
a-	102	5,885,273		Eckhouse et al.	03-23-1999
m	103	5,885,274	·	Fullmer et al.	03-23-1999
du	104	5,891,063		Vigil	04-06-1999
	105	5,913,883		Alexander et al.	06-22-1999
<u>}</u>	106	5,944,748		Mager et al.	08-31-1999
av	107	5,948,011		Knowlton	09-07-1999
an	108	5,954,710		Paolini et al.	09-21-1999
de	109	5,964,749		Eckhouse et al.	10-12-1999
On	110	5,968,033		Fuller	10-19-1999
dr-	111	5,968,034		Fullmer et al.	10-19-1999
a	112	6,015,404		Altshuler et al.	01-18-2000
do	113	6,027,495		Miller	02-22-2000
m	114	6,050,990		Tankovich et al.	04-18-2000
1	115	6,056,738		Marchitto et al.	05-02-2000
an	116	6,059,820		Baronov	05-09-2000
m	117	6,074,382		Asah et al.	06-13-2000
dr	118	6,080,146		Altshuler et al.	06-27-2000
7-	119	6,096,029		O'Donnell, Jr.	08-01-2000
du	120	6,096,209		O'Brien et al.	08-01-2000
m	121	6,104,959		Spertell	08-15-2000
<u> </u>	122	6,120,497		Anderson	09-19-2000
<u></u>	123	6,149,644		Xie	11-21-2000
m	124	6,174,325	B1	Eckhouse	01-16-2001
h	125	6,197,020		O'Donnell	03-06-2001

•

dr	126	6,214,034		Azar	04-10-2001
~	127	6,235,016	B1	Stewart	05-22-2001
a	128	6,267,780		Streeter	07-31-2001
	129	6,273,884		Altshuler et al	08-14-2001
m	130	6,273,885	B1	Koop et al.	08-14-2001
m	131	6,280,438	B1	Eckhouse et al.	08-28-2001
m	132	6,290,713	B1	Russell	09-18-2001
2	133	6,306,130		Anderson et al.	10-23-2001
W	134	6,319,274		Shadduck	11-20-2001
m	135	6,354,370		Miller et al.	03-12-2002
A-	136	6,471,712		Burres	10-29-2002
an	137	6,475,211		Chess et al.	11-05-2002
m	138	6,508,813		Altshuler	01-21-2003
m	139	6,511,475		Altshuler et al.	01-28-2003
dom	140	6,517,532		Altshuler et al.	02-11-2003
do	141	6,605,080		Altshuler et al.	08-12-2003
m	142	6,648,904		Altshuler et al.	11-18-2003
7	143	US2002-0026225		Segal	02-28-2002

FOREIGN PATENT DOCUMENTS

Examiner's	Cite No.	Foreign Patent Document		ıment	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials#		Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
	144	AT-	400305	В	Divida GES.M.R.H.	04-15-1995	N
	145	AU	1851583	A	The University of Adelaide	03-01-1984	
	146	DE	3837248	-A1	Teichmann	05-03-1990	N
	F47	-EP	0142671	Al	Carol Block, Ltd.	05-29-1985	
	148	EP	0565331	A2	ESC Inc.	10-13-1993	
	149	EP	0598984	Al	CeramOptec GmbH	06-01-1994	
	150	EP	0724894	A2	ESC Medical Systems Ltd.	08-07-1996	
	151	EP	0726083	-A2	ESC Medical Systems Ltd.	08-14-1996	
	152	EP	0736308	A2	ESC Medical Systems Ltd.	10-09-1996	
	153	EP	0755698	A2	ESC Medical Systems Ltd	01-29-1997	
	154	EP	0763371	A2-	ESC Medical Systems Ltd.	03-19-1997	
	155	EP-	0765673	A2	ESC Medical Systems Ltd.	04-02-1997	
	156	EP-	0765674	A2	ESC Medical Systems Ltd.	04-02-1997	
	157	EP	0783904	AZ	ESC Medical Systems Ltd.	07-16-1997	
	158	EP	1038505	A2	PlasmaPhotonics OmbH	09 27 2000	N
	159	EP	1219258	Al	General Hospital Corporation	07-03-2002	
	160	FR	2199453		Francis Paul Busser	04-12-1974	
	161	FR	2591902		Societe de Therapies Naturelles Atmos.	06-26-1987	N
	162	GB	2044908	<u> </u>	Wolf	10-22-1980	
	163	GB	2123287	A	Sutton	02-01-1984	
	164	GB	2360946		-Lynton Lasers Limited	10-10-2001	

			,		Uchebno-nauchno-proizvodstvennyj		
	165	RU	2122848	CI	lazernyj tsemr	10-12-1998	Y(abstract)
	166	RU	20891 26 =	eı	Altshuler	10-09-1997	Y(abstract)
	167	RU	2089127	-C1	Altshuler	10-09-1997	Y(abstract)
	168	RU	2096051	Cl	Altshuler	11-20-1997	Y(abstract)
	169	RU	2082337	_C1	Altshuler	06-27-1997	Y(abstract)
•	170	WO	86/02783		Candela Corporation	-05-09-1986	
	171	wo	90/00420		Rowland et al.	01-25-1990	
	172	WO-	92/16338		-Kelman	01-10-1992	
J ^p	173	wo	92/19165		Victoria University of Manchester	11-12-1992	
	174	WO-	93/05920		Warner-Lambert Company	04-01-1993	
1	175	WO -	95/15725		Clement et al.	06-15-1995	
	176-	-WO-	95/32441		Gov't of United States of America	11-30-1995	
	177	WO	96/23447		General Hospital Corporation	08-08-1996	
	178	WO	96/25979		Altshuler	08-29-1996	Y(abstract)
*	179	WO	97/13458		General Hospital Corporation	04-17-1997	
	180	wo	98/04317		Light Sciences Ltd. Partnership	02-05-1998	
	181	WO	98/24507		Thermolase Corporation	06-11-1998	
,	182	wo	98/51235		Palomar Medical Technologies, Inc.	11-19-1998	
	183	WO	98/52481		Medical Laser Technologies, Ltd.	11-26-1998	
	184	WO	99/27997	Al	ESC Medical Systems Ltd.	06-10-1999	
	185	WO	99/29243		Thermolase Corporation	06-17-1999	>
	186	WO	99/38569		Kiefer Corp.	08-05-1999	
	187	WO	99/46005		Palomar Medical Technologies, Inc.	09-16-1999	
	188	WO	99/49937	Al	General Hospital Corporation	10-07-1999	
	189	WO	00/03257		Sigma Systems Corp.	01-20-2000	
,	190	_wo	00/71045	A1	Sharon	11-30-2000	
	191	WO	00/78242	A1	Spectrx, Inc.	12-28-2000	
	192	WO	00/74781	A1	SLS Biophile Limited	12-14-2000	
	193	WO	01/03257	A1	Asah Medico A/S	01-11-2001	
•	194	WO	01/34048	A1	Palomar Medical Technologies, Inc.	05-17-2001	
	195	WO	01/42671	A1	Gorgens	06-14-2001	Y(abstract)
,	196	wo	01/54606	_A1	Palomar Medical Technologies, Inc.	08-02-2001	
	197	WO	02/53050	A1	Palomar Medical Technologies, Inc.	07-11-2002	
	198	WO	02/094116	A1	Palomar Medical Technologies, Inc.	11-28-2002	
	199	WO	0043070		Zhu Jiliin		

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's	Cite	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the	Translation
Initials#	No	item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	(Y/N)
	200	G.B. Altshuler et al., "Acoustic response of hard dental tissues to pulsed laser action," SPIE, Vol. 2080, Dental Application of Lasers, pp. 97-103, 1993	
	201	O.B. Altshuler et al., "Extended theory of selective photothermolysis," Lasers in Surgery and Medicine, Vol. 29, pp. 416-432, 2001	
	202	R.L. Amy & R. Storb, "Selective mitoehondrial damage by a ruby laser microbeam: An electron microscopic study." Science, Vol. 15, pp. 756-758, November 1965	
	203	R.R. Anderson et al., "The optics of human skin," Journal of Investigative Dermatology, Vol. 77, No. 1, pp. 13-19, 1981	

	204	R.R. Anderson & J.A. Parrish, "Selective photothermolysis: Precise microsurgery by selective	
	204	absorption of pulsed radiation," Science, Vol. 220, pp. 524-527, April 1983	
	205		
_	205	A.V. Belikov et al., "Identification of enamel and dentine under tooth laser treatment," SPIE Vol.	
		2623, Progress in Biomedical Optics Europe Series, Proceedings of Medical Applications of Lasers	
		III, pp. 109-1-16, September 1995	
	206	P. Bjerring et al., "Selective Non-Ablative Wrinkle Reduction by Laser," J Cutan Laser Ther, Vol. 2,	
·		pp. 9-15, 2000	
7	207	J.S. Dover et al., "Pigmented guinea plg skin irradiated with Q-switched ruby laser pulses," Arch	
		Dermatol, Vol. 125, pp. 43-49, January 1989	
		Definator, Vol. 125, pp. 45-45, January 1989	
	208	L.H. Finkelstein & L.M. Blatstein, "Epilation of hair-bearing urethral grafts using the	
-		needymium.yag surgical laser, Journal of Urology, Vol. 146, pp. 840-842, September 1991	
	209	L. Goldman, Biomedical Aspects of the Laser, Springer-Verlag New York Inc., publishers, Chapts. 1,	
	202	2, & 23, 1967	
2	210	L. Goldman, "Dermatologic manifestations of laser radiation," Proceedings of the First Annual	
		Conference on Biologic Effects of Laser Radiation, Federation of American Societies for	
		Experimental Biology, Supp. No. 14, pp. S-92-S-93, Jan-Feb 1965	
	211	L. Goldman, "Effects of new-laser systems on the skin," Arch Dermatol., Vol. 108, pp. 385-390,	
		September 1973	
	212	L. Goldman, "Laser surgery for skin cancer," New York State-Journal of Medicine, pp. 1897-1900,	
	~	October 1977	
<u></u>	213	L. Goldman, "Surgery by laser for malignant melanoma," J. Dermatol. Surg. Oncol., Vol. 5, No. 2,	
		pp. 141-144, February 1979	
7	214	L. Goldman, "The skin," Arch Environ Health, Vol. 18, pp. 434-436, March 1969	
	215	L. Goldman & D.F. Richfield, "The effect of repeated exposures to laser beams," Acta derm	
		vernereal., Val. 44, pp. 264-268, 1964-	
	216		
	216	L. Goldman & R.J. Rockwell, "Laser action at the collular-level," JAMA, Vol. 198, No. 6, pp. 641-	
		644, November 1966	
	217	L. Goldman & R.G. Wilson, "Treatment of basal cell epithelioma by laser radiation," JAMA, Vol.	
		189, No. 10, pp. 773-775	•
	210		
4	218	L. Goldman et al., 'The biomedical aspects of lasers," JAMA, Vol. 188, No. 3, pp. 302-306, April	
		1964	
	219 	L. Goldman et al., "Effect of the laser beam on the skin, Preliminary report" Journal of Investigative	
		Dermatology, Vol. 40, pp. 121-122, 1963	
	220	L. Goldman et al., "Effect of the laser beam on the skin, III. Exposure of cytological preparations,"	
		Journal of Investigative Dermatology, Vol. 42, pp. 247-251, 1964	ļ
	20-1		
2	221 	L. Goldman et al., "Impact of the laser on nevi and melanomas," Archives of Dermatology, Vol. 90,	
		pp. 71-75, July 1964	
	222-	L. Goldman et al., "Laser treatment of tattoos, A preliminary survey of three year's clinical	
		experience." IAMA, Vol. 201, No. 11, pp. 841-844, September 1967	
	223	L. Goldman et al., "Long-term laser exposure of a senile freckle," Archenviron Health, Vol. 22, pp.	
		401-403, March 1971	
		L. Goldman et al. "Pathology Pathology of the effect of the laser beam on the skin," Nature, Vol.	3 22 2 1
	224		
		197, No. 4870, pp. 912-914, March 1963	
2	225	-L. Goldman et al., "Preliminary investigation of fat embolization from pulsed ruby laser impacts of	
		bone," Nature, Vol. 221, pp. 361-363, January 1969	
	226	L. Goldman et al., "Radiation from a Q-switched ruby laser, Effect of repeated impacts of power	
		output of 10 megawatts on a tattoo of man," Journal of Investigative Dermatology, Vol. 44, pp. 69-	
		-71, 1965	
	207		
	227	L. Goldman et al., "Replica microscopy and scanning electron microscopy of laser impacts on the	
		skin," Journal of Investigative Dermatology, Vol. 52, No. 1, pp. 18-24, 1969	
	228	M.C. Grossman et al., "Damage to hair follicles by normal-mode ruby laser pulses," Journal of he	
		American Academy of Dermatology, Vol. 35, No. 6, pp. 889-894, December 1996	
,	229	E. Klein et al., "Biological effects of laser radiation 1.," Northeast Electroneis Research and	
		Engineering Meeting, NEREM Record, IEEE catalogue no. F-60, pp. 108-109, 1965	-
		J.G. Kuhns et al., "Laser injury in skin," Laboratory Investigation, Vol. 17, No. 1, pp. 1-13, July 1967	
	<u>ባን</u> ለ ነ	<u> 1 1 5 0000 51 41. </u>	-
	230_	The remaining the state of the	
	230	J.G. Kuhns et al., "Biological effects of laser radiation II Effects of laser irradiation on the skin," NEREM	

•

	Record, pp. 152-153, 1965
23	
	Lasers in Surgery and Medicine, Vol. 9, pp. 389-397, 1989
2.3	
	Journal of Investigative Dermatology, vol. 80, No. 6 Supplement, pp. 75s-80s, 1983
2:	4 L. Polla et al., "Melanosomes are a primary target of Q-switched ruby laser irradiation in guinea pig
	skin," Journal of Investigative Dermatology, Vol. 89, No. 3, pp. 281-286, September 1987
2:	
	Vol. 19, pp. 225-229, 1995
23	Stratton, K., et al., "Biological Effects of Laser Radiation II: ESR Studies of Melanin Containing
	Tissues after Laser Irradiation," Northeast Electronics Research and Engineering Meeting - NEREM
	Record, IEEE Catalogue No. F-60, pp. 150-151, November 1965
2	
	893-899, July 1990 ->
2:	8 V.V. Tuchin, "Laser light scattering in biomedical diagnostics and therapy," Journal of Laser
	Applications, Vol. 5, No. 2-3, pp. 43-60, 1993
2	9 S. Watanabe et al, "Comparative studies of femtosecond to microsecond laser pulses on selective
	pigmented cell injury in skin," Photochemistry and Photobiology, Vol. 53, No. 6, pp. 757-762, 1991
-2/	A.J. Welch et al., "Evaluation of cooling techniques for the protection of the pidermis during HD-yag
	laser irradiation of the skin," Neodymlum-Yag Laser in Medicine and Surgery, Elsevier Science
	Publishing Co., publisher, pp. 195-204, 1983
- 2-	
	Arch Surg, Vol. 95, pp. 179-180, August 1967
24	2 E. Zeitler and M. L. Wolbarsht, "Laser Characteristics that Might be Useful in Biology," Laser
	Applications in Medicine and Biology, Vol. I, M.L. Wolbarsht, editor, Plenum Press, publishers,
	Chapter 1, pp. 1-18, 1971
- 2	
2	
	5 Abstracts, various
2	
	time structure of optical quantum generator"
2	17 Invention description to certificate of authorship, No. 719439; "The ring resonator of optical quantum
	generator"
2	18 Invention description to certificate of authorship, No. 741747, "The modulator of optical radiation
	intensity"
2	Invention description to certificate of authorship, No. SU 1257475 A1, "Laser interferometric device
STITE	to determine no-linearity of an index of refraction of optical medium"
2.	Invention description to certificate of authorship, No. SU 1326962 A1, "The way of determination of
	non-linearity of an index of refraction of optical medium"
EXAMINER	DATE CONSIDERED C
CAAIVIIVEK	Lil Se September 1/2 10 7
- 0	System 1 Con the

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless It contains a valid OMB control number.

Substitut	te for form 1449A	/B/PTO		Complete if Known		
Oodsing				Application Number .	10/783,987	
INF	ORMATI	ON DISC	LOSURE	Filing Date	February 19, 2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Gregory B. Atshuler	
-				Art Unit	3762	
	(Use as many sheets as necessary)			Examiner Name	Not yet assigned	
Sheet	1	of	5	Attorney Docket Number	105090-230	

			U.S. PA	TENT DOCUMENTS	
Examin er	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant
Initials*	No. ¹	Number-Kind Code ² (if known)	MM-DD- YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear
	1	Re, 38,670	12/14/2004	Asah et al.	
m	2	Des. 424,197	05/02/2000	Sydlowski et al.	
3	3	1,706,161	03/19/1929	H.P. Hollnagel (Pre Exam)	
7	4	2,472,385	06/07/1949	Rollman	
	5	3,486,070	12/23/1969	Engel	
an	6	3,846,811	11/05/1974	Nakamura et al.	
*	7	3,857,015	12/24/1974	Clark et al.	
12	8	4,275,335	06/23/1981	Ishida	
a	9	4,456,872	06/26/1984	Froeschle	
2	10	4,524,289	06/18/1985	Hammond et al.	
2	11	4,561,440	12/31/1985	Kubo et al.	
'	12	4,591,762	05/27/1986	Nakamura	
- Day	13	4,745,909	05/24/1988	Pelton et al.	
	14	4,749,913	06/07/1988	Stuermer et al.	
2	15	4,884,560	12/05/1998	Kuracina	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	16	4,905,690	03/06/1990	Ohshiro, et al.	
1	17	4,928,038	05/22/1990	Nerone	
/	18	4,930,504	06/05/1990	Diamantopoulos, et al.	
2	19	5,127,395	07/07/1992	Bontemps	
1	20	5,267,399	12/07/1993	Johnston	
m	21	5,358,503	10/25/1994	Bertwell, et al.	
70-	22	5,458,140	10/17/1995	Eppstein et al.	
Sec.	23	5,531,740	07/02/1996	Black	
an	24	5,549,660		Mendes, et al.	
(25	5.8+6.140	04/01/1997-		
July .	26	5,658,148		Neuberger	
-لر'	27	5,660,836	08/26/1997	Knowlton	
w	28	5,722,397	03/03/1998	Eppstein	
an		5,742,392	04/21/1998	Anderson et al.	
on	-	5,769,076	06/23/1998	Mackawa et al.	
an		5,814,040	09/29/1998	Nelson et al.	
		5,814,041	09/29/1998	Anderson, et al.	
ar .		5,827,264	10/27/1998	Hohla	
8		5,836,877	11/17/1998	Zavislan	
~~		5,851,181	12/22/1998	Talmor	
SW		5,860,967	01/19/1999	Zavislan et al.	
~		5,868,731	02/09/1999	Budnik et al.	
~	38	5,871,480	02/16/1999	Tankovich	
an		5,883,471	03/16/1999	Rodman et al.	
on	40	5,916,211	06/29/1999	Quon, et al.	
a	41	5,949,222	09/071999	Buono	

Examiner Signature	alsh)	Date Considered	Splembe 14, LCV.7	ı
•				

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subs	stitute for form 1449A/B	/PTO		Complete if Known		
90 2.				Application Number	10/783,987	
IN	IFORMATIC	ON DIS	CLOSURE	Filing Date	February 19, 2004	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Gregory B. Atshuler	
				Art Unit	3762	
•	(Use as many sheets as necessary)			Examiner Name	Not yet assigned	
Sheet	2	of	5	Attorney Docket Number	105090-230	

\\ _	42	5,955,490	09/21/1999	Kennedy et al.	
Sa	43	5,977,723	11/02/1999	Yoon	
7	44	5,984,915	11/16/1999	Loeb et al.	
on	45	6,022,316	02/08/2000	Epstein et al.	
on.	46	6,026,828	02/22/2000	Altshuler	
on	47	6,030,399	02/29/2000	Ignotz et al.	
2	48	6,032,071	02/29/2000	Binder	
Dm-	49	6,036,684	03/14/2000	Tankovich et al.	
1	50	6,086,580	07/11/2000	Mordon, et al.	
OF	51	6,117,129	09/12/2000	Mukai	
}	52	6,142,939	11/07/2000	Eppstein et al.	
2M	53	6,162,055	12/19/2000	Montgomery	
m	54	6,162,211	12/19/2000	Tankovich et al.	
m-	55	6,162,212	12/19/2000	Kreindel, et al.	
m	56	6,173,202 B1	01/09/2001	Eppstein et al.	
do-	57	6,176,854	01/23/2001	Cone	
Sw	58	6,183,434 B1	02/06/2001	Eppstein	
7	59	6,183,500	02/06/2001	Kohler	
Jan.	60	6,183,773	02/06/2001	Anderson	
% —	61	6,187,001	02/13/2001	Azar, et al.	
A.	62	6,210,425	04/03/2001	Chen	·
do	63	6,228,075	05/08/2001	Furumoto	
	64	6,229,831	05/08/2001	Nightingale et al.	
an	65	6,236,891	05/22/2001	Ingel et al.	
a	66	6,245,093	06/12/2001	Li et al.	
m	67	6,263,233 B1	07/17/2001	Zavislan et al.	
30-	68	6,264,649 B1	07/24/2001	Whitcroft et al.	
37-	69	6,283,956	09/04/2001	McDaniel	
- On-	70	6,340,495	01/22/2002	Sumian, et al.	
a -	71	6,343,933	02/05/2002	Montgomery	
30	72	6,350,276	02/26/2002	Knowlton	
7	73	6,358,272	03/19/2002	Wilden	<u></u>
	74	6,383,177 B1	05/07/2002	Balle-Petersen et al.	
	75	6,387,089	05/14/2002	Kreindel, et al.	
	76	6,402,739	06/11/2002	Neev	
,0	77	6,406,474 B1	06/18/2002	Neuberger et al.	
	78	6,424,852 B1	07/23/2002	Zavislan	
m	79	6,425,912	07/30/2002	Knowlton	
gar.	80	6,436,094	08/20/2002	Reuter	· · · · · · · · · · · · · · · · · · ·
	81	6,461,296	10/08/2002	Desai	
m	82	6,471,716	10/29/2002	Pecukonis	
	83	6,494,900	12/17/2002	Salansky et al.	
on	84	6,508,785	01/21/2003	Eppstein	
34	85	6,514,243	02/04/2003	Eckhouse et al.	
an	86	6,530,915 B1	03/11/2003	Eppstein et al.	
	87	6,537,270 B1	03/25/2003	Elbrecht et al.	

Examiner Signature	Date Considered	September 14 WS7

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	e for form 1449A/	R/PTÓ	_	Complete if Known		
300311101		<i>517</i> 1 5		Application Number	10/783,987	
INF	ORMATIC	ON DISC	CLOSURE	Filing Date	February 19, 2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Gregory B. Atshuler	
0.7				Art Unit	3762	
	(Use as many sheets as necessary)			Examiner Name	Not yet assigned	
Sheet	3	of	5	Attorney Docket Number	105090-230	

Λ.	88	6,558,372	05/06/2003	Altshuler
1	89	6,572,637	06/03/2003	Yamazaki, et al.
-5-	90	6,602,245 B1	08/05/2003	Thiberg
7	91	6,629,971	10/07/2003	McDaniel
	92	6,629,989	10/07/2003	Akita
	93	6,632,219	10/14/2003	Baranov et al.
	94	6,635,075	10/21/2003	Li et al.
1 T	95	6,641,600	11/04/2003	Kohler
	96	6,653,618	11/25/2003	Zenzie
3	97	6,660,000 B2	12/09/2003	Neuberger et al.
2	98	6,663,620	12/16/2003	Altshuler et al.
-	99	6,663,658	12/16/2003	Kollias et al.
	100	6,663,659	12/16/2003	McDaniel
m	101	6,676,654 B1	01/13/2004	Balle-Petersen et al.
- /	102	6,679,837 B2	01/20/2004	Daikuzono
1	103	6,685,699 B1	02/03/2004	Eppstein et al.
- P	104	6,770,069	08/03/2004	Hobart et al.
M	105	6,878,144	04/12/2005	Altshuler et al.
-	106	6,689,124 B1	02/10/2004	Thiberg
~	107	6,709,269	03/23/2004	Altshuler
1- 1 -	108	6,723,090	04/20/2004	Altshuler et al.
7	109	6,743,222	06/01/2004	Durkin et al.
	1	6,790,205	09/14/2004	Yamazaki , et al.
-	111	6,878,144	04/12/2005	Altshuler, et al.
~	112	6,888,319	05/03/2005	Inochkin, et al.
1	113	US2002/0123745 A1	09/05/2002	Svaasand et al.
on	114	US2002/0128635	09/12/2002	Altshuler et al.
1	115	US2002/0161357	10/31/2002	Anderson
An	116	US2002/0173780	11/21/2002	Altshuler et al.
	117	US2002/0091377	07/11/2002	Anderson
1/2-	118	US2002/0005475	01/17/2002	Zenzie
	119	US2003/0004499	01/02/2003	McDaniel
1	120	US2003/0032900	02/13/2003	S. Ella
	121	US2003/0032950	02/13/2003	Altshuler et al.
	122	US2003/0036680 A1	02/20/2003	Black
1	123	US2003/0055414		Altshuler et al.
12-	124	US2003/0057875	03/27/2003	Inochkin et al.
\\\	125	US2003/0065314	04/03/2003	Altshuler et al.
1	126	US2003/0100936	05/29/2003	Altshuler et al.
1	127	US2003/0109787	06/12/2003	Black
m	128	US2003/0109860	06/12/2003	Black
	129	U\$2003/0129154	07/10/2003	McDaniel
	130	US2003/0187486	10/02/2003	Savage, et al.
	131	US2003/0195494	10/16/2003	Altshuler et al.
The	132	US2003/0199859	10/23/2003	Altshuler et al.
7		US2003/0232303	12/18/2003	Black
<u> </u>	 			

Examiner Signature	Date Considered	September 14, 2007

Complete If Known Substitute for form 1449A/B/PTO 10/783,987 Application Number **INFORMATION DISCLOSURE** February 19, 2004 Filing Date Gregory B. Atshuler First Named Inventor STATEMENT BY APPLICANT 3762 Art Unit (Use as many sheets as necessary) Not yet assigned Examiner Name 105090-230 5 Attorney Docket Number of Sheet 4

		134	US2004/0010298	01/05/2004	Altshuler et al.
		135	US2004/006332 A1	01/08/2004	Black
1	~	136	US2004/0015156	01/22/2004	Vasily
X		137	US2004/0024388	02/05/2004	Altshuler
19		138	US2004/0030326	02/12/2004	Altshuler et al.
T		139	US2004/0034341	02/19/2004	Altshuler et al.
7		140	US2004/0034319	02/19/2004	Anderson et al.
		141	US/2004/0073079	04/15/2004	Altshuler et al.
'		142	US2004/0082940	04/29/2004	Black et al.
	5	143	US2004/0085026	05/06/2004	Inochkin et al.
	~	144	US2004/0093042	05/13/2004	Altshuler et al.
		145	US2004/0133251	07/08/2004	Altshuler et al.
		146	US2004/0143920 A1	07/29/2004	Nanda
7	~	147	US2004/0147984	07/29/2004	Altshuler et al.
7		148	US2004/0162596	08/19/2004	Altshuler et al.
7		149	US2004/0162549	08/19/2004	Altshuler et al.
T	~	150	US2004/0191729	09/30/2004	Altshuler et al.
7		151	US2004/0193235	09/30/2004	Altshuler et al.
	~_	152	US2004/0193236	09/30/2004	Altshuler et al.
	~	153	US2004/0199227	10/07/2004	Altshuler et al.
	\	154	US2004/0204745	10/14/2004	Altshuler et al.
		155	US2004/0210276	10/21/2004	Altshuler et al.
		156	US2004/0214132	10/28/2004	Altshuler
	~	157	US2004/0225339	11/11/2004	Yaroslavsky et al.
	m-	158	US2004/0230258	11/18/2004	Altshuler et al.
	M	159	US2005/0038418	02/17/2005	Altshuler et al.
	}	160	US2005/0049658 A1	03/03/2005	Connors et al.
		161	US2005/0049582	03/03/2005	DeBenedictis et al.
1	7	162	US2005/0107849	05/19/2005	Altshuler, et al.

		FORE	GN PATENT	DOCUMENTS	
Examin er Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Тв
1	163	DE 9102407	07/11/1991	Mink	
m	164	EP 0884066	12/16/1998	SLI Lichtsysteme GmbH	
7	165	EP 0885629	12/23/1998	Danish Dermatologic Dev	
	166	EP 1138349	10/04/2001	Photo Therapeutics Limited	<u> </u>
	167	EP 1147785	10/24/2001	Photo Therapeutics Limited	
3	168	EP 1226787	07/31/2002	Laserwave S R L	
Dr.	169	EP 1 457 234 A2	09/15/2004	Photo Therapeutics Limited	
3	170	GB 2356570	05/30/2001	Warburton et al.	
	171	G8 2368020	04/24/2002	ICN Photonics Limited	
1	172	GB 2390021	12/31/2003	Dermastar Limited	
Examine Signature	1	of the		Date Considered September 14,200	7

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	Substitute for form 1449A/B/PTO			Complete if Known		
300	satute for form 14-070			Application Number	10/783,987	
IN	FORMATI	ON DI	SCLOSURE	Filing Date	February 19, 2004	
	STATEMENT BY APPLICANT			First Named Inventor	Gregory B. Atshuler	
	.,	. –		Art Unit	3762	
	(Use as many sheets as necessary)			Examiner Name	Not yet assigned	
Sheet	5	of	5	Attorney Docket Number	105090-230	

M		173	GB 2397528	07/28/2004	Enfis Limited	
H.		174	JP 2001145520	05/29/2001	Sharion	
1		175	JP 2003192809	02/01/2005	Yamazaki	
1-8		176	WO 96/036396	11/21/1996	Wilden	
$\vdash \prec$		177	WO 96/041579		Thermolase Corporation	
K	~	178	WO 98/58595	12/30/1998	Biolase Technology, Inc.	
1		179	WO 99/017666	04/15/1999	Cone	
-4				04/15/1999	Loeb et al	
-	<u> </u>	180	WO 99/017667	01/20/2000	Harth et al.	
	-	181	WO 00/002491			
	M	182	WO 00/032272	06/08/2000	SLI Licht-Systeme GmbH	
	M-	183	WO 00/040266	07/13/2000	General Hospital Corporation	
	~	184	WO 00/064537	11/02/2000	General Hospital Corporation	
		185	WO 01/054770	08/02/2001	Salansky et al.	
7		186	WO 01/26573	04/19/2001	Coherent Inc.	
6		187	WO 04/073537	09/02/2004	Palomar Medical Technologies,	•
	<u>۸</u>				Inc.	
		188	WO 04/084752	10/07/2004	Palomar Medical Technologies,	
	~	'		·	inc	
1	_	189	WO 04/086947 A2	10/14/2004	General Hospital Corporation	
1			WO 05/007003 A1	01/27/2005	Reliant Technologies, Inc.	

		NON PATENT LITERATURE DOCUMENTS	
Examin er Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
m	191	Altea Therapeutics - Medicines Made Better (single page website print-out)	
m	192	Derma Chiller advertisement (2 pages) from Paradigm Trex	
av	193	Doukas et al., "Transdermal Drug Delivery With a Pressure Wave," Advanced Drug Delivery Reviews 56 (2004), pp 559-579	
du	194	Ohshiro et al., "The Ruby and Argon Lasers in the Treatment of the Naevi," Annals Academy of Medicine, April 1983, Vol. 12, No. 2, pp 388-395	
2	195	Sumian, C.C. et al., "A Preliminary Clinical And Histopathological Study Of Laser Skin Resurfacing Using A Frequency-Doubled Nd:YAG Laser After Application of Chromofilm®," Journal of Cutaneous Laser Therapy, Vol. 1, pp. 159-166, 1999	
2	196	Sumian, C.C. et al., "Laser Skin Resurfacing Using A Frequency Doubled Nd:YAG Laser After Topical Application Of An Exogenous Chromophore," Lasers in Surgery and Medicine, Vol. 25, pp. 43-50, 1999	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	(Italian)	Date Considered	Septembe 14,2007

Sheet

PTO/SB/08a/b (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

1

Complete if Known				
Application Number	10/783,987-Conf.#4359			
Filing Date	February 19, 2004			
First Named Inventor	Gregory B. Altshuler			
Art Unit	3762			
Examiner Name	Not Yet Assigned			
Attomey Docket Number	105090-230			

			U.S. F	ATENT DOC	UMENTS		
Examiner	Cia	Document Number	Publication Da	te	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	Cite No.	Number-Kind Code ² (if known)		1		Relevant Passages or Relevant Figures Appear	
on	AB	6,808,532 B2	10/26/2004	Andersen	et al.		
			FOREIG	N PATENT D	OCUMENTS		
Examiner	Cite	Foreign Patent Docur	nent	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No. ^t	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) M		Date MM-DD-YYYY	Applicant of Cited Decument	Where Retevant Passages or Relevant Figures Appear	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	I,s		
-					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

1378266.1		
	•	
Examiner Signature (195)	Date Considered	Septembe 14, 2007